



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Earl Hubbell

Serial No: 09/745,965

Filing Date: Dec. 21, 2000

Title: **Methods for Selecting Nucleic Acid Probes**

Examiner: Mary K. Zeman

Group Art Unit: 1631

Attorney Docket No. 3373.1

**INFORMATION DISCLOSURE
STATEMENT**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying U.S. Patent & Trademark Office's Modified Form-1449 are called to the attention of the Examiner for consideration in connection with the above-identified patent application. In accordance with 37 CFR 1.98, a copy of each of the non U.S. Patent documents is enclosed herewith.


Citation of these documents shall not be construed as (1) an admission that the documents are necessarily prior art with respect to the instant invention; (2) a representation that a search has been made, other than as described above; or (3) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

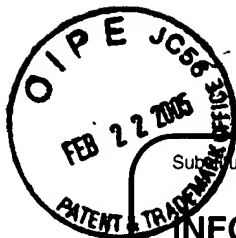
The Commissioner is authorized to charge Deposit Account No.: 01-0431 any fees which may be required, or credit any overpayment to the same Deposit Account.

Dated: 2/22/05

Respectfully submitted,

Customer No. 22886


Wei Zhou
Reg. No. 44,419



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Sheet 1 of 2

Complete if Known

Application Number	09/745,965
Filing Date	Dec. 21, 2000
First Named Inventor	Earl Hubbell
Art Unit	1631
Examiner Name	Mary K. Zeman
Attorney Docket Number	3373.1

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US- 5,424,186	11/30/2004	Balaban, et al.	
	A2	US- 09/721,042	*11/21/2000	Hunt	
	A3	US- 09/718,295	*11/21/2000	Mei	
	A4	US- 5,571,639	11/05/1996	Hubbell, et al.	
	A5	US- 5,593,839	01/14/1997	Hubbell, et al.	
	A6	US- 5,837,832	11/17/1998	Chee, et al.	
	A7	US- 5,856,101	01/05/1999	Hubbell, et al.	
	A8	US- 5,959,098	09/28/1999	Goldberg, et al.	
	A9	US- 6,027,880	02/22/2000	Cronin, et al.	
	A10	US- 6,130,046	10/10/2000	Hubbell, et al.	
	A11	US- 6,153,743	11/28/2000	Hubbell, et al.	
	A12	US- 6,188,783	02/13/2001	Balaban, et al.	
	A13	US- 6,307,042	10/23/2001	Goldberg, et al.	
	A14	US- 6,309,823	10/30/2001	Cronin, et al.	
	A15	US- 6,340,565	01/22/2002	Oliner, et al.	
	A16	US- 6,458,530	10/01/2002	Morris, et al.	
	A17	US- 6,468,744	10/22/2002	Cronin, et al.	
	A18	US- 6,706,875	03/16/2004	Goldberg, et al.	
	A19	US- 6,746,844	06/08/2004	Oliner, et al.	
	A20	US- 6,826,296	11/30/2004	Hubbell, et al.	
	A21	US- 08/767,892	*12/17/1996	Hubbell, et al.	
	A22	US- 09/567,548	*05/05/2000	Hubbel, et al.	
	A23	US- 09/607,536	*06/29/2000	Hubbell, et al.	
	A24	US- 10/975,245	*10/27/2004	Hubbell, et al.	
	A25	US- 09/811,364	*03/16/2001	Balaban, et al.	
	A26	US- 10/925,393	*08/24/2004	Balaban, et al.	
	A27	US- 09/640,962	*08/16/2000	Hubbell	
	A28	US- 10/627,271	*07/25/2003	Hubbell	
	A29	US-2002/0102564	08/01/2002	Mittmann, et al.	
	A30	US- 11/038,614	*01/18/2005	Hubbell, et al.	
	A31	US- 10/226,355	*08/23/2002	Morris, et al.	
	A32	US- 09/640,962	*08/16/2000	Wang, et al.	
	A33	US- 10/017,034	*12/14/2001	Mei, et al.	
	A34	US- 10/308,379	*12/02/2002	Mei	
	A35	US- 10/914,937	*08/09/2004	Mei, et al.	
	A36	US- 10/782,614	*02/19/2004	Bekiranov, et al.	

* Filing Date

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet 2 of 2

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Application Number	09/745,965
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First Named Inventor	Earl Hubbell
Art Unit	1631
Examiner Name	Mary K. Zeman
Attorney Docket Number	3373.1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B1	Cheng, et al; NetAffx Gene Ontology Mining Tool: a visual approach for microarray data analysis; Bioinformatics Applications note; Vol. 20; No. 9, 2004; pp. 1462-1463.	
	B2	Cho, et al; Genome-wide Mapping with Biallelic Markers in Arabidopsis Thaliana; Nature Genetics, Vol. 23, October 1999 pp 203-207.	
	B3	Di, et al; Dynamic Model Based Algorithms for Screening and Genotyping over 100K SNPs on Oligonucleotide Microarrays; Bioinformatics Advance Access; Jan. 18, 2005.	
	B4	Hubbell, et al; Fidelity Probes for DNA Arrays; Proc int Conf Intell Sys Biol. 1999 (abstract).	
	B5	Liu, et al; Analysis of High Density Expression Microarrays with Signed-Rank Call Algorithms; Bioinformatics; Vol. 18; No. 12; 2000; pp 1593-1599.	
	B6	Mei, et al; Probe Selection for High-Density Oligonucleotide Arrays; PNAS; September 30, 2003; Vol. 100; No. 20; pps 11237-11242.	
	B7	Wang; et al; Gene Structure-Based Splice Variant Deconvolution Using a Microarray Platform; Bioinformatics; Vol. 19; Suppl. 1; 2003; pps i315-i322.	
	B8	Wang, et al; Large-Scale Identification, Mapping, and Genotyping of Single-Nucleotide Polymorphisms in the Human Genome; Science; Vol. 280; May 15 1998; pps. 1077-1082.	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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